



Department of Civil Engineering
K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS

FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03/06/2022

Department	Civil Engineering	Year/Semester	IV
Course Name	Soil Mechanics	Course Code	2001403 (R20)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst. Professor	
2	Sri M C V Subbaiah	Member	Asst. Professor	
3	Smt. K. Niveditha	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Shortage in coverage of syllabus due to slow pace of teaching to cope with the slow learners.	ICT Tools is used for better understanding the topics.	Understanding the basic mechanics is a problem	Try to solve as many problems and try to give real life problems.
To check the uniformity in the content delivered and syllabus and coverage	Irregular to classes.	Faculty are trying to cover all topics.	Attention of students is lacking	Try to teach the class with latest technologies.
To overcome the short comings from the students point of view if any	Real world exposure is needed.	Shown the concept wise videos.	Lack of visualization of the concepts.	Try to take field visits for better understanding.

Member	Member	Coordinator	Head

HOD
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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03/06/2022

Department	Civil Engineering	Year/Semester	IV
Course Name	Hydraulics and Hydraulic Machinery	Course Code	2001402 (R20)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri V V Prasad	Coordinator	Asst. Professor	V.Ven
2	Sri P Pavan Kumar	Member	Asst. Professor	PPK
3	Sri D Dharmasimha Reddy	Member	Asst. Professor	DD

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are lacking with required prerequisites.	Notes or material is providing to the students	Solving more types of problems during available class time is difficult for the faculty.	Giving more tutorial and assignment questions which are not covered in the regular class.
To check the uniformity in the content delivered and syllabus and coverage	Students are feeling tough to understand the concepts	Providing visualization with videos and ppts	Making them understood those concepts is not possible during the class time.	Some video lectures are to be sent to students covering at least the topics they need to know
To overcome the short comings from the students point of view if any	In the concepts of turbines, students are feeling tough to remember the various design parameters since all the process seems to be same with different types of flow and formulas.	Revising the topics frequently makes the students remember about the topic.	But visualizations needs much more time which affects the class time to teach further concepts	Giving assignments and encouraging them to give seminars builds confidence to the students

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03-06-2022

Department	Civil Engineering	Year/Semester	IV
Course Name	Transportation Engineering	Course Code	2001405 (R20)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. G Sreenivasa Reddy	Coordinator	Professor	
2	Sri. K. Pramod	Member	Asst. Professor	
3	Sri. Y. Dastagiri	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are lacking with basic concepts like historical developments of roads in India	Material as a document was given to the students with proper explanation.	Student not able to remember much theory and difficult names of constructions.	Giving more tutorial and assignment questions in the class.
To check the uniformity in the content delivered and syllabus and coverage	Week students are not able to design the geometric features of roads.	Design is simple with some lengthy formulas	Not able to practice more examples in the class itself	Extra classes or giving assignments makes the student to practice more problems.
To overcome the short comings from the students point of view if any	Few students are facing problem mainly in remembering the various types of road studies.	Procedures for various types of road studies are easy but most of the methods are repeating.	Repeating procedures makes the student confuses more.	Not to get confusion, practical exposure is must,.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 03/06/2022

Department	Civil Engineering	Year/Semester	IV
Course Name	Structural Analysis	Course Code	2001404 (R20)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Dr. P Kishore Kumar Reddy	Coordinator	Associate Professor	
2	Dr. N Amaranatha Reddy	Member	Associate Professor	
3	Dr. I Srinivasula Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	There are no issues with teaching process	Teaching on board and using projectors to the students	Methods used by different teachers are different	Faculty are advised to follow effective methods for easy understanding of students
To check the uniformity in the content delivered and syllabus and coverage	Uniform content was delivered in all the sections as per syllabus	The syllabus designed mostly from the standard text books available in Library	Most of the students are not referring text books	Faculty should encourage the students to utilize library facility
To overcome the short comings from the students point of view if any	Some students need better explanation	Having faculty who can teach in different manner	Lack of basics in some students	Find the students are unable to follow and arrange extra class for them

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 18/04/2022

Department	Civil Engineering	Year/Semester	VI
Course Name	Foundation Engineering	Course Code	1801605 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri P. Rajendra Kumar	Coordinator	Asst. Professor	
2	Sri P. Suresh Praveen Kumar	Member	Asst. Professor	
3	Sri M C V Subbaiah	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Shortage in coverage of syllabus due to slow pace of teaching to cope with the slow learners.	ICT Tools is used for better understanding the topics.	Understanding the basic mechanics is a problem	Try to solve as many problems and try to give real life problems.
To check the uniformity in the content delivered and syllabus and coverage	Irregular to classes.	Faculty are trying to cover all topics.	Attention of students is lacking	Try to teach the class with latest technologies.
To overcome the short comings from the students point of view if any	Real world exposure is needed.	Shown the concept wise videos.	Lack of visualization of the concepts.	Try to take field visits for better understanding.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 18/4/22

Department	Civil Engineering	Year/Semester	VI
Course Name	Advanced Concrete Structures	Course Code	1801607(R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Sri. K. Hemanth Kumar Reddy	Member	Asst. Professor	
3	Miss. V. Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students don't have the necessary basics.	Handwritten notes/material as a document was given to the students after the class	Solving more types of problems during available class time is difficult for the faculty.	Giving more tutorial and assignment questions which are not covered in the regular class.
To check the uniformity in the content delivered and syllabus and coverage	Students struggle to visualize the exact idea that exists in reality.	PPTs are used to help students understand concepts better.	Design problems were not able to understand by ppt's conventional teaching method requires.	Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.
To overcome the short comings from the student's point of view if any	Students are facing problem mainly in understanding the theories related to the structures.	The video lecture aids them in visualizing the concepts.	Few students are lack of basic knowledge in solving mathematical expressions.	Arranging at least one field visit during their semester.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 18-04-2022

Department	Civil Engineering	Year/Semester	VI
Course Name	Water Resources Engineering – 1	Course Code	1801606 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. T. Kiran Kumar	Coordinator	Professor	
2	Sri. K. Pramod	Member	Asst. Professor	
3	Sri. D. Dharma Simha Reddy	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students are lacking with required prerequisites.	Handwritten notes/material as a document was given to the students after the class	Solving more types of problems during available class time is difficult for the faculty.	Giving more tutorial and assignment questions which are not covered in the regular class.
To check the uniformity in the content delivered and syllabus and coverage	Students are not able to imagine the exact concept which exists in real.	Usage of PPT's for better understanding of concepts.	Design problems were not able to understand by ppt's conventional teaching method requires.	Give few numerical problems and ask them to solve at home and submit to faculty for evaluation.
To overcome the short comings from the students point of view if any	Week students are facing problem mainly in understanding the theories related to the design of irrigation structures.	Video lecture helps them to visualize the concepts.	Few students are lack of basic knowledge in solving mathematical expressions.	Arranging atleast one field visit during their semester.

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 18/04/2022

Department	Civil Engineering	Year/Semester	VI
Course Name	Design of Reinforced Concrete Structures-I	Course Code	1801604 (R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Sri M V Ravi Kishore Reddy	Coordinator	Asst. Professor	
2	Sri G Chennakesava Reddy	Member	Asst. Professor	
3	Miss V Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate the effectiveness of teaching	Students' remembrance of the terminology involved with components of a structural design is less on a whole	Presentation of the importance of the structural components and their functions	Lack of pictorial representation of structural components	A presentation depicting every structural component with its importance needs to be prepared/displayed for demonstration in class
To check the uniformity in the content delivered and syllabus and coverage	No problems identified	Content has been delivered, and the syllabus covered has been in compliance with the duration of the first spell before the first evaluation	-	-
To overcome the shortcomings from the student's point of view, if any	Visualization of the behavior of structural components subjected to loading	LMS tools were used for the demonstration of structural components	Multi-dimensional view of structural components for the construction of a building is required	Models of structural components need to be prepared & exhibited for demonstration in class

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FIRST COURSE REVIEW COMMITTEE REPORT (CRC) 2021-22

Date: 15/3/22

Department	Civil Engineering	Year/Semester	VIII
Course Name	Repairs & Rehabilitation of Structures	Course Code	1801802(R18)

Committee Members:

S.No	Name	Role	Designation	Signature
1	Prof. V. Giridhar	Coordinator	Professor	
2	Sri. K. Hemanth Kumar Reddy	Member	Asst. Professor	
3	Miss V. Sai Neeraja	Member	Asst. Professor	

Purpose / Objective	Problems Identified	Result Analysis		Suggestions for Improvement
		Strength	Weakness	
To evaluate effectiveness of teaching	Students doesn't understand the terminologies of the subject.	Neat typed material as a document with neat diagrams was given to the students before the class.	Taking time to explain every topic correlate with field.	Giving more content to understand before they come to class.
To check the uniformity in the content delivered and syllabus and coverage	Students struggle to visualize the exact idea that exists in reality.	PPTs are used to help students understand concepts better.	Not following classes continuously.	Giving more content to understand before they come to class
To overcome the short comings from the students point of view if any	Students are facing problem mainly in understanding the theories related to the Repairs.	The video lecture aids them in visualizing the concepts.	Few students are lack of basic knowledge in Repairs of structures.	Arrange at least one field visit during their semester.

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